

MAJOR CLASSIFICATION INDEX OF ARTICLES

ANALYTICAL METHODS

- Determination of Fe(II)/Fe(III) in natural waters 785-790
- High temperature supercritical CO₂ extractions of geological samples 79-89

ARCHAEOLOGY

- Differential diagenesis of Sr in archaeological human dental tissue 687-694
- Marbles from Roman Hispania, stable isotope and cathodoluminescence characterization 1469-1493

ENERGY RESOURCES

Petroleum and Natural Gas

- Hydrothermal petroleum from lacustrine sedimentary organic matter, East African Rift 355-368
- Production of ²¹⁰Pb from Slochteren Sandstone gas reservoir 1317-1329
- Water-rock interaction during CO₂ flooding 265-279

ENVIRONMENTAL GEOCHEMISTRY

- Acid production from sulphide minerals using H₂O₂ weathering 235-243
- Anthropogenic influence on Pb isotopes of lake sediments 1291-1305
- As and Ni in U mill tailings, Saskatchewan 1097-1119
- As speciation in pyrite and weathered phases, Mother Lode District, California 1219-1244
- Au mobilisation into surface waters and sediments from tailings 629-646
- Chemistry and S isotope composition of precipitation, Bologna, Italy 1455-1467
- Chemistry of alkaline, Zn-rich waters in a F-Pb mine 1383-1397
- Colloid formation and metal transport through two mixing zones affected by AMD 1003-1018
- Comparison of geochemistry of Fe-Mn coatings on pebbles and a gastropod in a SW England river 725-735
- Contrasting the geochemistry of suspended and deposited sediments in an estuary 753-775
- Definition of geochemical baseline in areas of differing geology 647-653
- Dissolution of silica and development of concentration patterns in freshwater sediments 425-438
- Effect of fulvic acids on sorption of U, Zn, Yb, I and Se 133-139
- Effects of pH regulation on release of SO₄ from AMD precipitates 27-34
- Experimental and in situ study of radiocaesium across the sediment-water interface 833-848
- Heavy metal distribution in estuarine sediments, Pearl River, China 567-581
- Heavy metal weathering under acid soil conditions 415-423

- Hydrogeochemistry and transport of organic contaminants in an urban watershed 901–915
 Impact of historical metalworks on chemistry of sediments, a case study 807–817
 Interaction between aqueous Cr and layer silicates 1307–1316
 Laboratory evaluation of metal release and transport in flooded mine tailings 1245–1263
 Metal contamination of soils, Scott Base, Antarctica 513–530
 Metal remobilisation following resuspension of estuarine sediments 191–210
 Pb isotopes in tree rings as indicators of heavy metal pollution 891–900
 Reactive transport of metal contaminants in alluvium 35–49
 REE geochemistry to identify sources of stream sediments 1369–1381
 Retention of Sr, Cs, Pb and U by bacterial Fe oxides 1035–1042
 Solid phase Fe-S geochemistry of a reactive barrier for treatment of mine drainage 1331–1343
 Solubility of $\text{Ca}_6[\text{Al}(\text{OH})_6]_2(\text{CrO}_4)_3 \cdot 26\text{H}_2\text{O}$, 5–75°C 1203–1218
 Source indicators of humic substances 1019–1033
 Speciation of Sb in bisulfide solutions 879–889
 The cacite/portlandite phase boundary: enhanced calcite solubility at high pH 327–335
 Use of ^{234}U and ^{238}U to identify fertilizer-derived U in the Florida Everglades 369–383
 X-ray absorption study of coprecipitation of Tc and Re with mackinawite 347–354

Diagenesis

- Amino acid abundances and stereochemistry in hydrothermally altered sediments 1169–1190
 Burial diagenesis, simulation in the Wilcox group, Gulf of Mexico 1071–1083
 Diagenetic cycling of trace elements in estuarine sediments 551–566
 Early diagenetic behaviour of Se in freshwater sediments 1439–1454
 Making diagenesis obey thermodynamics and kinetics 295–309

Geochemistry and health

- Human and environmental contamination in the Iron Quadrangle, Brazil 181–190
 Environmental distribution of Se in the Keshan disease belt, China 385–401
 Soil, grain and water chemistry in relation to human Se-deficiency diseases in China 117–132

Groundwater

- Aqueous solubility of trichloroethene and tetrachloroethene 501–512
 Arsenic release to groundwater, Bangladesh and West Bengal 403–413
 Assessing thermal and chemical history of fluids in crystalline rocks by fluid inclusions and isotopes in fracture calcite 1417–1437
 Ba/Sr, Ca/Sr and $^{87}\text{Sr}/^{86}\text{Sr}$ in soil water and groundwater 311–325
 ^{14}C dating of groundwater 583–597
 Characterization of groundwater humic substances 97–116
 Climatic and vegetation conditions and the geochemical and isotopic compositions in the Franconian Albvorland aquifer 1191–1201

- Comparison of 4He and ^{14}C ages in simple aquifer systems 1137–1167
Controls on salinization of the Ogallala aquifer, Texas 849–864
Evolution of gas and aqueous fluid in argillaceous rocks in the Swiss Alps 211–234
Fluid characterisation and modelling of water-rock equilibria, Boom clay formation and Rupelian aquifer, Belgium 667–686
Geochemical and B, O and H isotopic constraints on origin of salinity in groundwaters 937–952
Geochemical and isotopic characterisation of the Bathonian and Bajocian aquifer, Caen 791–805
Geochemistry of formation waters in the Po plain, Italy 51–65
Groundwater colloid properties, a global approach 1043–1051
In situ generation of humic and fulvic acids in groundwater 819–832
Origin and mobility of humic colloids in the Gorleben aquifer 171–179
REE, and Nd and Sr isotopes in mineral waters 1345–1367
Residence time indicators in groundwater 737–752
“Rust” contamination of formation waters from producing wells 1527–1533
Sr and Pb isotopes to identify water sources beneath landfill 493–500
Sr isotopes in groundwaters and streams affected by agriculture 599–609
Stable C isotope biogeochemistry in a sand aquifer contaminated with hydrocarbons 157–169
Transient calcite fracture fillings in a welded tuff 1495–1504

Radioactive waste disposal

- Kinetics and mechanisms of simulated British Magnox waste glass dissolution 1399–1416
Natural analogue of nuclear waste glass in compacted bentonite 141–155
Orthophosphate complexing agents to investigate limitation of alteration kinetics of nuclear glass 1505–1525
Trace metal-humate interactions, experimental determination of stability constants 953–973

Thermal water

- Fluid chemistry of the Aqwi Terme-Visone geothermal area, Italy 917–935
Influence of water-rock interaction on chemistry of thermal springs, western Canada 439–454
Surface distribution and transport of Al in the Te Kopia geothermal field, New Zealand 1121–1136
Water and gas geochemistry of the Euganean and Berican thermal district, Italy 455–457

Weathering

- Abiological formation of formic acid in nature 91–95
Chemical dynamics and weathering rate of a carbonate basin 67–77
Early weathering of Pd-Au in lateritic conditions 245–263
Impact of N-fertilizers on natural weathering-erosion and fluvial transport 865–878

GENERAL GEOCHEMISTRY

Mathematical

Numerical analysis of hydrogeochemical data: a case study 1053-1067

MINERAL RESOURCES

Hydrothermal alteration of felsic volcanic rocks associated with massive sulphide deposits 1265-1290

Native Au in mineral precipitates from high temperature volcanic gases 337-346

REE patterns in waters associated with Zn-Pb massive sulphide deposits 695-723

Short-chain carboxylates in fluid inclusions in minerals 13-25

Exploration

Methane-rich fluid inclusions in Pb-Zn-Ag deposit, use in exploration 1-12

Regional geochemical reconnaissance of the Cordillera Occidental, Ecuador 531-550

MODELLING

Aquifer disposal of acid gases, modelling water-rock interaction 1085-1095

Experimental modelling of Pt sorption on organic matter 777-784

Geochemical modelling to predict As concentrations in pit lake 475-492

Modelling Hg vapour transport in an ancient hydrothermal system 281-294

Multivariate modelling for discrimination of hydrocarbon source rocks 611-627

Process model of natural attenuation in drainage from historic mining district 655-666

Trace metal-humate interactions, the "conservative roof" model and its applications 975-1001

OTHER TOPICS

Erratum

1069

SUBJECT INDEX

- Acid mine drainage 1003
 - Fe(III) precipitates in 27
 - remediation of 27, 1331
- Acid, production from sulfide mineral weathering 235
- Acid volatile sulfide
 - in precipitates from AMD treatment 1331
- in resuspended sediment 191
- Acqui Terme-Visone geothermal area, Piemonte, Italy 917
- Ag
 - in lake sediment 807
 - in nuclear glass 1505
 - in pyrite 1219
- in river water 629
- in soil 281, 513
- in stream sediment 531, 629, 807
- mobility during lateritic weathering 245
- Al
 - in lake sediment 807
 - in mine drainage 655, 1003
 - in nuclear glass 1399, 1505
 - in nuclear glass leachate 1399
 - in pit lake waters 475
 - in precipitates from AMD treatment 1331
 - in rain 311
 - in river water 629, 1003
 - in snow 311
 - in stream sediment 531, 807
- in surface water 695
- in tailings 1097, 1245
- in thermal water 1121
- in vegetation 1121
- mobility in geothermal systems 1121
- Alberta Basin, Western Canada 1085, 1527
- Alberta, Canada 67, 455
- Allen River, Cornwall, England, U.K 725
- Alluvium, transport of contaminant metals in 35
- Almeria, Spain 1469
- Alto Guadalentin aquifer, SE Spain 1053
- Am, humate complex 975
- Amino acids, in hydrothermally altered sediments 1169
- Anacosta River basin, U.S.A. 901
- Antarctica, Scott Base 513
 - contamination of 513
- Antskog, Finland 807
- Ar, in thermal gas 455
- ⁴⁰Ar, in thermal gas 455
- Arizona, U.S.A. 35
- As
 - human health problems of 181, 403
 - in Fe oxyhydroxides 403

- in gas reservoir rocks 1317
- in goethite 1219
- in groundwater 403
- in jarosite 1219
- in lake sediment 807
- in pit lake waters 475
- in pore water 191
- in pyrite 1219
- in reservoir sediment 1219
- in reservoir waters 1219
- in resuspended sediment 191
- in sediment 181, 403
- in soil 181, 281, 513
- in stream sediment 531, 807
- in surface water 181
- in tailings 181, 1097
- in urine 181
- in volcanic gas 337
- sorption of 475

Äspö, Sweden 1043

Au

- in pyrite 1219
- in river water 629
- in soil 281
- in stream sediment 531, 629
- in volcanic gas 337
- mining, Brazil 181, 245
 - contamination from 181
- mobility during lateritic weathering 245
- mobility from tailings 629

Australia

- Duggald River mineral deposit, Queensland 1
- La Trobe Valley, Victoria 1019
- Myall Lake, New South Wales 1019
- Swan River, W. Australia 551

B

- in groundwater 493, 937
- in nuclear glass 1399, 1505
- in nuclear glass leachate 1399
- in tailings 1097
- in thermal water 917
- in volcanic gas 337

¹¹B, in groundwater 937

Ba

- in gas reservoir rocks 1317
- in groundwater 311, 737
- in nuclear glass 1399, 1505
- in rain 311
- in river water 311
- in snow 311
- in soil 281

- in stream sediment 531
 - in stream water 311
 - in tailings 1097
 - in volcanic gas 337
- Bad Säkingen spring, Switzerland 1043
- Banded Iron Formation 245
- Banff National Park, Alberta, Canada 67
- Bangladesh 403
- Bathonian and Bajocian aquifer, Caen, N France 791
- Bathurst Mining Camp, New Brunswick, Canada 695
- Be, in tailings 1097
- Belgium, Mol 667
- Betic Cordillera, Spain 281, 1053
- Bi
 - in pyrite 1219
 - in stream sediment 531
 - in tailings 1097
- Blackwater River, Surrey/Hampshire, England, U.K. 425
- Bologna, Italy 1455
- Boso Peninsula, Japan 141
- Bow River, Alberta, Canada 67
- Br
 - in groundwater 51, 141, 667, 737, 785, 849, 937
 - in pore water 667
 - in soil 281
- Brazil, Minas Gerais 181, 245, 1043
- Brine, origin of in groundwater 51
- British Columbia, Canada 439, 753
- C
 - in gas reservoir rocks 1317
 - in groundwater 97, 157, 171, 493, 583, 807, 1043, 1191
 - in hydrothermally altered sediment 1160
 - in resuspended sediment 191
- ¹³C
 - in calcite 1417, 1495
 - in fluid inclusions 211
 - in groundwater 51, 157, 583, 667, 737, 791, 807, 1191
 - in marble 1469
 - in pore water 667
 - in thermal gas 455
 - in thermal water 439
- ¹⁴C
 - dating of calcite 1495
 - dating of groundwater 583, 1137, 1191
 - in groundwater humic substances 97
- Ca
 - humate complex 953, 975
 - in clay 647
 - in fertilizer 599
 - in groundwater 51, 97, 141, 157, 311, 403, 599, 667, 737, 791, 849, 937, 1043, 1053, 1383

- in humus 647
- in lake sediment 807
- in mine drainage 655, 1003, 1383
- in nuclear glass 1505
- in peat 647
- in pit lake waters 475
- in pore water 667
- in precipitates from AMD treatment 1331
- in precipitation 1455
- in rain 311
- in river water 67, 311, 629, 865, 1003
- in snow 311
- in soil 385, 647
- in soil water 311
- in stream sediment 531, 647, 807
- in surface water 695
- in tailings 1097, 1245
- in thermal water 439, 455, 917
- in till 647
- in volcanic gas 337
- Caen, N. France 791
- Calcite
 - for assessing past thermal and fluid history of rock formations 1417
 - influence on porosity 1495
 - solubility in KOH 327
- California, U.S.A. 1219
- Canada
 - Alberta 67, 439
 - Alberta Basin 1085, 1527
 - British Columbia 439, 753
 - Manitoba 1043
 - New Brunswick 191, 629, 695
 - Ontario 1245, 1331, 1439
 - Quebec 191
 - Saguenay Fjord 191
 - Saskatchewan 1043, 1097
 - Yukon Territory 439
- Cape Kalamba, Lake Tanganyika, Democratic Republic of the Congo 355
- Cathodoluminescence, of marble 1469
- Cd
 - in lake sediment 807
 - in nuclear glass 1505
 - in soil 281, 513
 - in stream sediment 531, 807
 - in surface water 181
 - in tailings 1097
 - in urine 181
 - in volcanic gas 337
- Ce
 - in estuary sediments 551
 - in groundwater 695
 - in mineral water 1345

- in nuclear glass 1399, 1505
 - in stream sediment 1369
 - in surface water 695
- Celtis Australis* 891
- Cf, humate complex 975
- CH₄
 - in fluid inclusions 1, 211
 - in groundwater 157
 - in thermal gas 455
- Chernobyl 833
- Chesapeake Bay, U.S.A. 901
- China
 - Enshi District, Hubei Province 117
 - Pearl River, S.China 567
 - Zhangjiakou District, Hebei Province 385
- Chloritization, chemistry of 1265
- Chromate analogue of ettringite
 - characterization of 1203
 - solubility of 1203
 - synthesis of 1203
- Cigar Lake, Saskatchewan, Canada 1043
- Cl
 - in fluid inclusions 13
 - in groundwater 51, 97, 141, 171, 403, 599, 667, 695, 737, 791, 849, 937, 1053, 1191, 1393
 - in mine drainage 655, 1393
 - in pore water 667
 - in precipitation 1455
 - in river water 67, 629, 865
 - in surface water 695
 - in tailings 1097
 - in thermal water 439, 455, 917
 - in volcanic gas 337
- Co
 - humate complex 953, 975
 - in estuary sediment 551, 567
 - in formation water 1527
 - in gas reservoir rocks 1317
 - in lake sediment 807
 - in nuclear glass 1505
 - in pyrite 1219
 - in soil 281
 - in stream sediment 531, 807
 - in tailings 1097
 - in volcanic gas 337
- CO, in thermal gas 455
- CO₂
 - as extractant of hydrocarbons from geological samples 79
 - flooding of reservoir rocks 265
 - in fluid inclusions 1
 - in groundwater 1053
 - in natural gas 1027
 - in thermal gas 455

- CO₃, in groundwater 791
- Colima volcano, Mexico 337
- Colloids, in groundwater 171
- Colorado, U.S.A. 1003, 1495
- Cordillera Occidental, Ecuador 531
- Cornwall, England, U.K. 725
- Cr
 - in formation water 1527
 - in lake sediment 807
 - in nuclear glass 1399, 1505
 - in reservoir sediment 1219
 - in soil 281, 513
 - in stream sediment 531, 807
 - in tailings 1097
 - in volcanic gas 337
 - sorption, by clays 1307
- Cr(VI), reduction by Fe containing phyllosilicates 1307
- Cs
 - in groundwater 737, 1035
 - in nuclear glass 1399, 1505
 - radioactive, diffusion in sediments 833
 - sorption by bacterial Fe oxide 1035
- ¹³⁴Cs, in lake sediment 833
- ¹³⁷Cs
 - in lake sediment 833
 - in lake water 833
- Cu
 - in clay 647
 - in estuary sediment 551, 567, 753
 - in gas reservoir rocks 1317
 - in groundwater 1383
 - in humus 647
 - in lake sediment 807
 - in mine drainage 655, 1003, 1383
 - in peat 647
 - in pyrite 1219
 - in river water 629, 1003
 - in soil 281, 385, 513, 647
 - in stream sediment 531, 647, 807
 - in tailings 1097
 - in thermal water 439
 - in till 647
 - in volcanic gas 337
- Cumbria, England, U.K. 833
- Democratic Republic of the Congo 355
- Diagenesis
 - of archaeological human teeth and bones 687
 - of bituminous sandstones 1317
 - of estuary sediments 551
 - of freshwater sediments 1439
 - of sandstones 295, 1073

- modelling 295, 1073
- Disposal, of acid wastes 1085
- Dy
 - in groundwater 695
 - in mineral water 1345
 - in stream sediment 1369
 - in surface water 695
- East African Rift 355
- East Midlands, England, U. K. 737
- Ecuador, Cordillera Occidental 531
- England
 - Cornwall 725
 - County Durham 1383
 - Cumbria 833
 - East Midlands 737
 - Hampshire 425
 - Surrey 425
 - Yorkshire 425
- Enshi District, Hubai, China 117
- Er
 - in groundwater 695
 - in mineral water 1345
 - in stream sediment 1369
 - in surface water 695
- Errarum 1069
- Esthwaite Water, Cumbria, England, U.K. 833
- Eu
 - humate complex 953, 975
 - in groundwater 695
 - in mineral water 1345
 - in stream sediment 1369
 - in surface water 695
- Everglades, Florida, U.S.A. 369
- F
 - in fluid inclusions 13
 - in groundwater 737, 791
 - in thermal water 917
 - in volcanic gas 337
- Fe
 - in formation water 1527
 - in groundwater 51, 141, 157, 311, 403, 667, 1383
 - in lake sediment 807, 1439
 - in mine drainage 655, 1003, 1383
 - in nuclear glass 1399, 1505
 - in nuclear glass leachate 1399
 - in pit lake waters 475
 - in pore water 191, 667, 1439
 - in precipitates from AMD treatment 1331
 - in rain 311
 - in reservoir sediment 1219

- in resuspended sediment 191
 - in river water 311, 629, 1003
 - in snow 311
 - in soil 385, 513
 - in stream sediment 531, 807
 - in surface water 695
 - in tailings 1097, 1245
 - in thermal water 439
 - in volcanic gas 337
 - release from tailings, laboratory simulation 1245
- Fe(II)/Fe(III), determination in water 785
- Fe/Mn coatings
 - on gastropod shell 725
 - on stream pebbles 725
- Ferrozine, for determination of Fe in water 785
- Finland 647
 - Antskog 807
 - Olkiluoto research site 1417
- Firenze, Italy 891
- Florida, U.S.A. 369
- Fluid inclusions
 - CH₄ in 1, 211
 - Cl⁻ in 13
 - CO₂ in 1
 - F⁻ in 13
 - hydrocarbons in 211
 - in calcite 1417
 - Short-chain carboxylates in 13
 - SO₄²⁻ in 13
 - use in mineral exploration 1
- Formation water, contamination of in producing wells 1527
- Formic acid, formation on rocks 91
- France
 - Caen 791
 - Garonne River 865
 - Massif Central 1345
 - Thau Lake 1291
 - The Alps 1469
 - The Pyrenees 1469
- Franconian Albvorland aquifer, Germany 97, 1191
- Fraser River, British Columbia, Canada 753
- Fuhrberg aquifer, Germany 97, 819
- Fulvic acid, effect on sorption 133
- Ga, in stream sediment 531
- Gabon, Oklo 1043
- Garonne River, France 865
- Gd
 - in groundwater 695
 - in mineral water 1345
 - in stream sediment 1369
 - in surface water 695

- Geochemical baseline, definition 647
- Geochemical exploration 531
- Geochemical reconnaissance 531
- Germany 97, 171, 583, 819, 937, 1043, 1191
- Getchell mine, Humboldt County, Nevada, U.S.A. 475
- Gorleben aquifer, Germany 97, 171, 583, 819, 1043
- Greece 1469
- Grimsel Test Site, Switzerland 1043
- Groundwater
 - colloids in 171, 1043
 - contamination by agriculture 599
 - contamination by landfill leachate 493
 - dating 583, 1137
 - evolution of 791, 937
 - humic and fulvic acids in 819
 - humic substances in 97
 - hydrocarbon contamination of 157
 - mineralised 1345
 - modelling water-rock equilibria in 667
 - numerical analysis of chemical data for 1053
 - origin of brines in 51
 - residence time indicators in 737
 - salinization of 849
 - thermal 439, 455, 917
 - thermal and chemical history of 1417
- Gulf of Mexico basin 1071
- H₂, in thermal gas 455
- ²H
 - in groundwater 51, 211, 583, 667, 737, 791, 849, 937, 1383
 - in fluid inclusions 211
 - in mine drainage 1383
 - in pore water 667
 - in thermal water 439, 455, 917
- ³H, in groundwater 97, 583, 667, 819
- Hampshire, England, U.K. 425
- HBO₃, in groundwater 141
- HCO₃
 - in groundwater 97, 141, 403, 695, 737, 791, 849, 937, 1053
 - in pit lake waters 475
 - in precipitation 1455
 - in river water 67, 629, 865
 - in surface water 695
 - in thermal water 439
- He, in thermal gas 455
- ³He, in thermal gas 455
- ⁴He, dating of groundwater 1137
- Hebei Province, China 385
- Hg
 - as pathfinder for Au 281
 - in atmosphere 281
 - in soil 281

- in soil gas 281
 - in stream sediment 531
 - in surface water 181
 - in urine 181
 - mobilisation in old mining areas 281
- Ho
 - in groundwater 695
 - in mineral water 1345
 - in stream sediment 1369
 - in surface water 695
- HS⁻, in groundwater 818
- H₂S
 - in groundwater 819
 - in natural gas 1527
 - in thermal gas 455
 - in thermal water 439
- Hubei Province, China 117
- Humic substances, characterisation of 1019
- Hydrocarbons
 - in fluid inclusions 211
 - in groundwater 157
 - in lake sediments 355
 - in source rocks 611
 - in thermal gas 455
 - hydrothermal 355
 - speciation of in geological samples 79
- Hydrothermally altered sediments, amino acids in 1169
- I
 - in groundwater 51, 141, 737
 - sorption of 133
- Iberian Pyrite Belt, SW Spain 1265
- India, West Bengal 403
- Iron Quadrangle, Minas Gerais, Brazil 181
- Isotopes
 - Ar 455
 - B 937
 - C 51, 97, 157, 211, 439, 455, 583, 667, 737, 791, 819, 1137, 1191, 1417, 1469, 1495
 - Cs 833
 - H 51, 97, 211, 439, 455, 583, 667, 737, 791, 819, 849, 917, 937, 1383
 - He 455, 1137
 - O 51, 211, 439, 455, 583, 667, 737, 791, 849, 917, 937, 1191, 1383, 1417, 1469, 1495
 - Nd 1345
 - Pb 493, 891, 1097, 1317
 - Ra 1317
 - S 439, 667, 791, 1455
 - Sr 51, 311, 493, 599, 687, 849, 1345
 - Th 1097
 - U 369, 1317
- Italy, 1469
 - Bologna 1455
 - Euganean and Berician thermal district 455

Firenze 891
Piemonte 917
Po Valley 51
The Alps 1469

Japan, Boso Peninsula 141
Juan de Fuca Ridge, N. Pacific Ocean 1169

K

in fertilizer 599
in groundwater 51, 97, 141, 311, 403, 599, 667, 737, 791, 849, 937, 1043, 1053, 1383
in lake sediment 807
in mine drainage 1383
in pit lake waters 475
in pore water 667
in rain 311
in river water 311, 629, 865
in snow 311
in soil water 311
in stream sediment 531, 807
in tailings 1097
in thermal water 439, 455, 917
in volcanic gas 337
Kalix River, N. Sweden 311
Kentucky, U.S.A. 27
Keshan Disease 117, 385

La

in estuary sediment 551
in groundwater 695
in mineral water 1345
in nuclear glass 1399, 1505
in stream sediment 531, 1369
in surface water 695
Lake Tanganyika, East African Rift, 355
Landfill leachate, contamination of groundwater 493
Leuggern bore hole, Switzerland 1043

Li

in groundwater 667, 737, 1137
in nuclear glass 1399, 1505
in nuclear glass leachate 1399
in pore water 667
in stream sediment 531
in thermal water 439, 917

Lithuania 647

Locust Grove, Maryland, U.S.A. 599

Lu

in groundwater 695
in mineral water 1345
in stream sediment 1369
in surface water 695

- Manitoba, Canada 1043
- Marble, identification of source 1469
- Maryland, U.S.A. 599, 901
- Massif Central, France 1345
- Massive sulphide, hydrothermal alteration of 1265
- Menzenchwand U mine, Switzerland 1043
- Mexico, Colima volcano 337
- Mg
 - in clay 647
 - in fertilizer 599
 - in groundwater 51, 97, 141, 311, 403, 599, 667, 695, 737, 791, 849, 937, 1043, 1053, 1383
 - in humus 647
 - in lake sediment 807
 - in mine drainage 655, 1003, 1383
 - in nuclear glass 1399
 - in nuclear glass leachate 1399
 - in peat 647
 - in pit lake waters 475
 - in pore water 667
 - in precipitation 1455
 - in rain 311
 - in river water 67, 311, 629, 865, 1003
 - in snow 311
 - in soil 385, 647
 - in soil water 311
 - in stream sediment 531, 647, 807
 - in surface water 695
 - in tailings 1097
 - in thermal water 439, 455, 917
 - in till 647
 - in volcanic gas 337
- Michigan, U.S.A. 157
- Minas Gerais, Brazil 181, 245, 1043
- Mineralisation
 - Ag-Pb-Zn 1
 - Au 181, 245, 337, 1219
 - Ba-Ag 281
 - F-Pb 1383
 - Massive sulphide 629, 695, 807, 1265
 - Precious metal 281
- Mn
 - in estuary sediment 551
 - in formation water 1527
 - in groundwater 403, 667, 737
 - in lake sediment 807, 1439
 - in mine drainage 1003
 - in nuclear glass 1505
 - in pore water 191, 667, 1439
 - in pyrite 1219
 - in reservoir sediment 1219
 - in resuspended sediment 191
 - in river water 629, 1003

- in soil 385, 513
 - in stream sediment 531, 807
 - in surface water 695
 - in tailings 1097
 - in thermal water 439
 - in volcanic gas 337
- Mn/Fe coatings
 - on gastropod shell 725
 - on stream pebbles 725
- Mo
 - in groundwater 737
 - in nuclear glass 1399, 1505
 - in soil 281
 - in stream sediment 531
 - in tailings 1097
 - in volcanic gas 337
- Modelling
 - Au precipitation from volcanic gas 337
 - chemical evolution of pit lake water 475
 - contaminant metal transport in alluvium 35
 - diagenesis 295
 - Hg vapour transport 281
 - metal-humate interaction 975
 - multivariate, to discriminate hydrocarbon source rocks 611
 - natural attenuation in mine drainage 655
 - Si mobility in river sediments 425
 - sources of river water 311
 - water-rock equilibria 667
 - water-rock interaction with acid wastes 1085
- Morpo de Ferro, Minas Gerais, Brazil 1043
- Mother Lode Gold District, California, U.S.A. 1219
- Munich aquifer, Germany 97, 819
- Murray Brook massive sulphide deposit, New Brunswick, Canada 629
- N
 - impact on weathering 865
 - in fertilizer 599, 865
 - in hydrothermally altered sediment 1169
- N₂, in thermal gas 455
- Na
 - in fertilizer 599
 - in groundwater 51, 97, 141, 311, 403, 599, 667, 737, 791, 849, 937, 1043, 1053, 1383
 - in mine drainage 1383
 - in nuclear glass 1399, 1505
 - in nuclear glass leachate 1399
 - in pit lake waters 475
 - in pore water 667
 - in precipitation 1455
 - in rain 311
 - in river water 67, 311, 629, 865
 - in snow 311
 - in soil water 311

- in stream sediment 531
 - in tailings 1097
 - in thermal water 439, 455, 917
 - in volcanic gas 337
- Namibia 1137
- Nb, in stream sediment 531
- Nd
 - in groundwater 695
 - in mineral water 1345
 - in nuclear glass 1399, 1505
 - in stream sediment 1369
 - in surface water 695
- 147Nd, in mineral water 1345
- Ne, in thermal gas 455
- Nevada, U.S.A. 475, 1043
- New Brunswick, Canada 191, 629, 695
- New Mexico, U.S.A. 655, 1137
- New South Wales, Australia 1019
- New York, U.S.A. 493
- New Zealand, Taupo Volcanic Zone 1121
- NH₄
 - in groundwater 493
 - in precipitation 1455
- Ni
 - humate complex 953, 975
 - in clay 647
 - in estuary sediment 551, 567
 - in formation water 1527
 - in gas reservoir rocks 1317
 - in humus 647
 - in lake sediment 807
 - in nuclear glass 1399, 1505
 - in peat 647
 - in pyrite 1219
 - in reservoir sediment 1219
 - in soil 281, 513, 647
 - in stream sediment 531, 647, 807
 - in tailings 1097
 - in till 647
 - in volcanic gas 337
- NO₃
 - in groundwater 157, 403, 599, 737, 791, 849, 1053, 1191
 - in precipitation 1455
 - in river water 629, 865
 - in thermal water 439, 917
- North Pennine Orefield, England, U.K. 1383
- Norway 295, 611, 1245
- Nova Lima, Minas Gerais, Brazil 181
- Np, humate complex 953, 975
- Nuclear waste
 - disposal 1417
 - glass

- alteration of 1505
 - leaching of 141, 1399, 1505
 - natural analogue 141
- management 327
- repository 953
- Numerical analysis, of hydrogeochemical data 1053
- O₂
 - in groundwater 157, 819
 - in pit lake waters 475
- 18O
 - geothermometry 1417
 - in calcite 1417, 1495
 - in fluid inclusions 211
 - in groundwater 51, 211, 583, 667, 737, 791, 849, 937, 1191, 1383
 - in marble 1469
 - in mine drainage 1383
 - in pore water 667
 - in thermal water 439, 455, 917
- Ogallala aquifer, Texas, U.S.A. 849
- Oklo, Gabon 1043
- Olkiluoto research site, Finland 1417
- Ontario, Canada 1245, 1331, 1439
- Organochlorine pesticides 901
- P
 - in clay 647
 - in humus 647
 - in nuclear glass 1399, 1505
 - in peat 647
 - in soil 647
 - in stream sediment 647
 - in tailings 1097
 - in till 647
- Pb
 - in estuary sediment 551, 567, 753
 - in Fe/Mn coatings 725
 - in gas reservoir rocks 1317
 - in groundwater 1035, 1383
 - in lake sediment 807, 1291
 - in mine drainage 655, 1003, 1383
 - in pyrite 1219
 - in river water 629, 1003
 - in soil 281, 513
 - in stream sediment 531, 807
 - in tailings 1097
 - in tree rings 891
 - in urban aerosols 891
 - in volcanic gas 337
 - sorption by bacterial Fe oxide 1035
- ²⁰⁶Pb
 - in groundwater 493

- in lake sediment 1291
 - in tree rings 891
 - in urban aerosols 891
- $^{206}\text{Pb}/^{207}\text{Pb}$, to identify sources of Pb 1291
- ^{207}Pb
 - in groundwater 493
 - in lake sediment 1291
 - in tree rings 891
 - in urban aerosols 891
- ^{208}Pb
 - in groundwater 493
 - in lake sediment 1291
 - in tree rings 891
 - in urban aerosols 891
- ^{210}Pb
 - in gas reservoir rocks 1317
 - in tailings 1097
- Pd, mobility during lateritic weathering 245
- Pearl River, S. China 567
- Pecos mine, New Mexico, U.S.A 655
- Pecos River, New Mexico, U.S.A. 655
- Petroleum, hydrothermal 355
- Piemonte, Italy 917
- Pinal Creek, Arizona. U.S.A.35
- PO_4
 - in groundwater 819
 - in surface water 695
- Po, in tailings 1097
- Polychlorinated biphenols 901
- Polycyclic aromatic hydrocarbons 901
- Potamopyrgus (Hydrobia) jenkinsi 725
- Potomac River, U.S.A. 901
- Po Valley, Italy 51
- Pr
 - in groundwater 695
 - in mineral water 1345
 - in nuclear glass 1399, 1505
 - in surface water 695
- Pt
 - accumulation in C-bearing rocks 777
 - sorption on organic matter 777
- Pyrite, in precipitates from AMD treatment 1331
- Quebec, Canada 191
- Queensland, Australia 1
- Rabbit Lake U mine, Saskatchewan, Canada 1097
- Ra
 - in gas reservoir rocks 1317
 - n tailings 1097
- Rb
 - in groundwater 737

- in nuclear glass 1399
- Re, coprecipitation with FeS 347
- Ru, in nuclear glass 1399
- Rupelian aquifer, Mol, Belgium 667

S

- in clay 647
- in gas reservoir rocks 1317
- in groundwater 311
- in humus 647
- in lake sediment 1439
- in peat 647
- in precipitates from AMD treatment 1331
- in rain 311
- in river water 311
- in snow 311
- in soil 647
- in stream sediment 647
- in tailings 1245
- in till 647
- S²⁻, in groundwater 157
- 34S
 - in groundwater 667, 791
 - in precipitation 1455
 - in thermal water 439
- Saguenay Fjord, Canada 191
- San Juan Basin, New Mexico, U.S.A. 1137
- Santa Barbara, Minas Gerais Brazil 181
- Saskatchewan, Canada 1043, 1095

Sb

- in nuclear glass 1505
- in pyrite 1219
- in soil 281
- in stream sediment 531
- in tailings 1097
- in volcanic gas 337
- speciation in alkaline solution 879
- transport in solution 879

Sc

- in soil 281
- in stream sediment 531

Scott Base, Antarctica 513

Se

- human deficiency diseases 117, 385
- human toxicity diseases 117
- in drinking water 117, 385
- in grain 117, 385
- in human hair 117, 385
- in lake sediment 1439
- in pore water 1439
- in soil 117, 385
- in volcanic gas 337

- sorption 133, 1439
- Sericitization, chemistry of 1265
- Short chain carboxylates, in fluid inclusions 13
- Si
 - in clay 647
 - in groundwater 311, 737, 849
 - in humus 647
 - in mine drainage 1003
 - in nuclear glass 1399, 1505
 - in nuclear glass leachate 1399
 - in peat 647
 - in pit lake waters 475
 - in pore water 425
 - in rain 311
 - in river water 311, 629, 865, 1003
 - in snow 311
 - in soil 647
 - in soil water 311
 - in stream sediment 647
 - in surface water 695
 - in tailings 1097, 1245
 - in till 647
 - in thermal water 439, 455, 917, 1121
 - in volcanic gas 337
- Silverton, Colorado, U.S.A. 1003
- Sm
 - in groundwater 695
 - in mineral water 1345
 - in nuclear glass 1399
 - in stream sediment 1369
 - in surface water 695
- Sn
 - in nuclear glass 1505
 - in soil 281
 - in stream sediment 531
- Snowshoe Mountain, Colorado, U.S.A. 1495
- SO₄
 - desorption from Fe(III) precipitates in AMD 27
 - in fluid inclusions 13
 - in groundwater 51, 97, 141, 157, 171, 403, 667, 695, 737, 791, 819, 849, 937, 1053, 1191, 1383
 - in mine drainage 655, 1003, 1383
 - in pit lake waters 475
 - in pore water 667
 - in precipitation 1455
 - in river water 67, 629, 865, 1003
 - in surface water 695
 - in tailings 1097
 - in thermal water 439, 455, 917
 - in volcanic gas 337
 - release from tailings, laboratory simulation 1245
- South China Sea 567

Spain

Almeria 1469
Betic Cordillera 281, 1053
Iberian Pyrite Belt 1265

Sr

in fertilizer 599
in groundwater 51, 311, 493, 599, 737, 849, 1035
in mineral water 1345
in nuclear glass 1399, 1505
in rain 311
in river water 311
in snow 311
in soil water 311
in stream sediment 531
in tailings 1097
in thermal water 439
in volcanic gas 337
sorption by bacterial Fe oxide 1035

87 Sr

in archaeological human teeth 687
in fertilizer 599
in groundwater 51, 311, 493, 599, 849
in mineral water 1345
in river water 311
in soil water 311

Sri Lanka, Walawe Ganga Basin 1369

Staten Island, New York, U.S.A. 493

Sudbury, Ontario, Canada 1439

Surrey, England, U. K. 425

Swale River, N. Yorkshire, England, U.K. 425

Swan River, W. Australia 551

Sweden, 415

Äspö 1043
Kalix River 311
Stråssa Mine 1035

Switzerland 937, 1043

The Alps 211

Ta, in stream sediment 531

Taupo Volcanic Zone, New Zealand 1121

Tb

in groundwater 695
in mineral water 1345
in surface water 695

Tc

coprecipitation with FeS 347
mobility in environment 347

Te

in nuclear glass 1505
in stream sediment 531

Te Kopia geothermal field, Taupo, New Zealand 1121

Tetrachloroethane

- in groundwater 501
 - solubility 501
- Texas, U.S.A. 849, 1137
- Th
 - in estuary sediment 551
 - in gas reservoir rocks 1317
 - in groundwater 1137
 - in lake sediment 1291
 - in nuclear glass 1505
- ²³⁰Th, in tailings 1097
- Thau Lake, France 1291
- Thermal gases, chemistry of 455
- Thermal waters, Chemistry of 439, 455, 917
- Ti
 - in stream sediment 531
 - in tailings 1097
 - in thermal waters 1121
 - in volcanic gas 337
- Tl, in volcanic gas 337
- Tm
 - in groundwater 695
 - in mineral water 1345
 - in surface water 695
- Transitgas Tunnel, Switzerland 1043
- Trichloroethane
 - in groundwater 501
 - solubility 501
- Turkey 1469
- U
 - humate complex 953, 975
 - in estuary sediment 551
 - in fertiliser 369
 - in gas reservoir rocks 1317
 - in groundwater 1035, 1137
 - in nuclear glass 1505
 - in peat 369
 - in soil 281, 369
 - in surface water 369
 - in tailings 1097
 - sorption 133
 - sorption by bacterial Fe oxide 1035
- ²³⁴U
 - in fertiliser 369
 - in peat 369
 - in soil 369
 - in surface water 369
 - to trace agricultural contamination 369
- U-Pb dating, of gas reservoir rocks 1317
- United Kingdom, England 425, 725, 737, 1383
- U.S.A.
 - Arizona 35

California 1219
 Colorado 1003, 1495
 Florida 369
 Kentucky 27
 Maryland 599, 901
 Michigan 157
 Nevada 475, 1043
 New Mexico 655, 1137
 Staten Island, New York 493
 Texas 849, 1137
 Washington, DC 901
 Wyoming 265

V

in clay 647
 in estuary sediment 551
 in formation water 1527
 in gas reservoir rocks 1317
 in humus 647
 in lake sediment 807
 in peat 647
 in soil 281, 385, 647
 in stream sediment 531, 647, 807
 in tailings 1097
 in till 647
 in volcanic gas 337

Victoria, Australia 1019

W, in stream sediment 531
 Walawe Ganga Basin, Sri Lanka 1369
 Wallenberg, The Alps, Switzerland 211
 Washington, DC, U.S.A. 901
 Water-rock interaction, 1345
 in carbonate basin 67
 in reservoir rocks during CO₂ flooding 265
 in thermal springs 439
 with acid wastes 1085
 Weardale, County Durham, England, U.K. 1383
 Weathering
 impact of N-fertilizers on 865
 of heavy minerals in soil 415
 of sulfide minerals 235
 rates of, in carbonate basin 67
 role of formic acid in 91
 West Bengal, India 403
 Whiteshell Research Area, Manitoba, Canada 1043
 Wyoming, U.S.A. 265

Y

in nuclear glass 1399, 1505
 in stream sediment 531

Yb

- in groundwater 695
- in mineral water 1345
- in stream sediment 1369
- in surface water 695
- sorption of 133
- Yorkshire, England, U.K. 425
- Yucca Mountain, Nevada, U.S.A. 1043
- Yukon Territory, Canada 439
- Zhangjiakou District, Hebei Province, China 385
- Zn
 - in clay 647
 - in estuary sediment 551, 567, 753
 - in Fe/Mn coatings 725
 - in groundwater 1383
 - in humus 647
 - in lake sediment 807
 - in mine drainage 655, 1003, 1383
 - in nuclear glass 1505
 - in peat 647
 - in pyrite 1219
 - in reservoir sediment 1219
 - in river water 629, 1003
 - in soil 281, 385, 513, 647
 - in stream sediment 531, 647, 807
 - in tailings 1097, 1245
 - in thermal water 439
 - in till 647
 - in volcanic gas 337
 - release from tailings, laboratory simulation 1245
 - sorption of 133
- Zr
 - in nuclear glass 1399, 1505
 - in stream sediment 531
 - in tailings 1097
- Zurzach well, Switzerland 1043

AUTHOR INDEX (Erratum-E)

- Aboul-Kassim T. A. T. 355
- Abraitis P.K. 1399
- Acitimbay V. 531
- Adeney J. A. 551
- Africano F. 337
- Ahmed K. M. 403
- Aines R. D. 501
- Andersson E. 1169
- Andersson P. S. 311
- Arai T. 141
- Artinger R. 97, 171, 583, 819, 1191
- Aspden J. A. 531
- Aström M. 807
- Atekwana E. A. 157
- Atkins B. 347
- Aubé B. 1245
- Azaroual M. 1345
- Baez N. 531
- Banner J. L. 849
- Barbecot F. 791
- Barcelona M. J. 157
- Barreiro B. 687
- Barth S. R. 937
- Bassett R. L. 35
- Beaucaire C. 667
- Belzille N. 1439
- Bencala K. E. 1003
- Bencini A. 1455
- Bendell-Young L. I. 753
- Benner S. G. 1331
- Berger A. C. 655
- Bernard A. 337
- Bethke C. M. 655
- Bickford M. E. 493
- Bird D. K. 1219
- Bjorkum P. A. 295
- Blanc P. 1469
- Blomqvist R. 1417
- Blowes D. W. 1331
- Blyth A. 1417
- B—hlke J. K. 599
- Bonaria V. 917
- Borba R. P. 181
- Boyle D. R. 629, 695
- Brach M. 1345
- Brigatti M. F. 1307
- Brown J. G. 35
- Browne P. R. L. 1121
- Buckau G. 97, 171, 583, 819, 1191
- Budd P. 687
- Burgess W. G. 403
- Caliro S. 455
- Campbell I. B. 513
- Castro M. C. 1137
- Cerœn J. C. 1053
- Chandrajith R. 1369
- Charnock J. M. 347, 879
- Chen Y.-W. 1439
- Chiarle M. 51
- Claridge G. G. C. 513
- Clauer N. 865, 1291
- Cocherie A. 1345
- Coles B. J. 567, 725
- Colin F. 245
- Collison D. 347
- Comans R. N. J. 833
- Conti A. 51
- Cortecchi G. 1455
- Cruz E. 531
- Davies G. R. 891
- Degueldre C. 1043
- Denison F. H. 425
- Deschamps E. 181
- Dever L. 791
- Díaz D. 79
- Dibley M. J. 501
- Dinelli E. 1455
- Dissanyake C. B. 1369
- Dollhope D. J. 235
- Donahue R. 1097
- Douglas G. B. 551
- Dunkley P. N. 531
- Dunn T. L. 265
- Edmunds W. M. 737
- Elliot T. 891
- Elliott W. C. 27
- Fagan R. 327
- Fang J. 157
- Ferris F. G. 1035
- Figueiredo B. R. 181
- Font X. 281
- Fordyce F. M. 117
- Fouillac Ch. 1345
- Foster G. D. 901
- Franchini G. 1307
- Frape S. 1417
- Frenzel B. 1191
- Fritz P. 97, 171, 583, 819, 1191
- Fryar A. E. 849
- Furton K. G. 79
- Gabrio T. 181
- Gaibor A. 531
- Gavilanes J.-C. 337
- Ge X. 385
- Geyer S. 97, 171, 583, 819, 1191
- Gherardi F. 455
- Gibert E. 791
- Gin S. 1505

- Glaus M. A. 953, 975
 Glynn P. D. 35
 Goodfellow W. D. 629, 695
 Goodyear K. L. 725
 Grasby S. E. 67, 439, 1069 (E)
 Green K. A. 117, 385
 Gregorauskiene V. 647
 Gruessner B. 901
 Guangdi Z. 117
 Guerrot C. 1345
 Guidi M. 917, 1455
 Gunter W. D. 1085
 Hall G. E. M. 629, 695
 Hallberg R. O. 1035
 Hanna J. V. 1019
 Harrison W. J. 1071
 Hartog F.A. 1317
 Helz G. R. 879
 Hendry M. J. 1097
 Herbert R. B. Jr. 1331
 Heymans M. J. 1495
 Hitchon B. 1527
 Hilton J. 833
 Hoch A. R. 1495
 Holm N. G. 1169
 Horan M. 599
 House W. A. 425
 Hummel W. 953, 975
 Hunter K. 758
 Hunziker, J. C. 917
 Hutcheon I. 67, 439, 1069 (E), 1085
 Inglett P. W. 785
 Ingri J. 295
 Inskeep W. P. 235
 Ireland D. G. 833
 Jaffé R. 79
 Jégou C. 1505
 Jennings S. R. 235
 Jiménez-Espinosa R. 1053
 Jinzhou D. 133
 Johnson C. C. 385
 Johnson W. D. 1019
 Kamei G. 141
 Kim J. I. 97, 181, 583, 819, 1043, 1191
 Kimball B. A. 1003
 Knauss K. G. 501
 Krishnamurthy R. V. 157
 Krouse H. R. 439, 1069 (E)
 Krumhansi J. L. 655
 Kvalheim O. M. 611
 Kyz'mina T. V. 777
 Laaksoharju M. 1043
 Lafargue E. 79
 Lancelot J. R. 1291
 Land M. 311
 Landine P. 1097
 Lång L.-O. 415
 Lapuente M. P. 1469
 Lechler P. 475
 Leif R. N. 501
 Leybourne M. I. 629, 695
 Li X. 567
 Li Y. S. 567
 Likhoidov G. G. 777
 Liu J. 13
 Liu X. 385
 Livens F. R. 347, 1399
 Lopez E. 531
 Louvat D. 667
 Lu X. Q. 1019
 Lugli C. 1307
 Lyvén B. 1035
 Magro G. 455
 Marini L. 917
 Marlin C. 791
 Martin R. 1121
 Martinelli G. 51
 Martinez-Frias J. 281
 Matschullat J. 181
 Mazurek M. 211
 McArthur J. M. 403
 McNeill S. 725
 Medici L. 1307
 Mehta S. 849
 Melfi A. J. 245
 Mew D. A. 501
 Miekeley N. 1043
 Mizuno T. 91
 Monna F. 1291
 Monteith J. E. 1399
 Montgomery J. 687
 Mosselmans J. F. W. 879
 Motellier S. 667
 Mucci A. 191
 Murphy W. M. 295
 Nadeau P. H. 295
 Nahon D. 245
 Narnov G. A. 777
 Navarro-Flores A. 281
 Négrel Ph. 1345
 Nickson R. T. 403
 Nissinen P. 1417
 Nolan L. 833
 Nylund K. 807
 O'Day P. A. 1219
 Odden W. 611
 Oelkers E. H. 295
 Ogawa H. 91
 Öhlander B. 311
 Ohta K. 91
 Orem W. H. 369
 Orrell S. E. 493
 Ottonello G. 917
 Palmer C. D. 1203

Author Index

- Panettiére P. 1455
- Panichi C. 455
- Pattrick R. A. D. 347, 879
- Pedersen K. 1035
- Pennisi M. 455
- Perkins E. H. 1085
- Perkins R. B. 1203
- Pitsch H. 667
- Plyusnina L. P. 777
- Poppi L. 1307
- Price J. 475
- Probst J. L. 865
- Pulido-Bosch A. 1053
- Ramsey M. H. 567
- Ravenscroft P. 403
- Reardon E. J. 327
- Reddy M. M. 1495
- Roberts E. C. Jr. 901
- Rodgers K. A. 1121
- Rose S. 27
- Roychoudhury A. N. 785
- Sacchi E. 51
- Salminen R. 647
- Sánchez-España J. 1265
- Saulnier I. 191
- Savage K. S. 1219
- Schemel L. E. 1003
- Schlosser P. 1137
- Schmidt A. P. 1317
- Schuiling R. D. 1317
- Schwenk M. 181
- Semhi K. 865
- Sheppard D. S. 513
- Shevenell L. A. 475
- Shiraki R. 265
- Siegel D. I. 493
- Simmons K. R. 369
- Simms P. H. 1245
- Simoneit B. R. T. 355, 1169
- Small J. S. 1399
- Smedley P. L. 737
- Smith J. T. 833
- St-Arnaud L. 1245
- Stecko J. R. P. 753
- Stute M. 1137
- Suchet P. A. 865
- Taiwei C. 133
- Taran Y. A. 337
- Tempel R. N. 475, 1071
- Tiercelin J. J. 355
- Tingle T. N. 1219
- Thomas R. G. 687
- Thornton I. 567
- Tobschall H. J. 1369
- Tommasini S. 891
- Toulhoat P. 667
- Toulkeridis T. 1291
- Triay I. 1043
- Trivedi D. P. 1399
- Turci E. 1307
- Turi B. 1469
- Van Cappellen P. 785
- Van Loon L. R. 953, 975
- van Os B. J. H. 1317
- Varajão C. A. C. 245
- Vaughan D. J. 879, 1399
- Velasco F. 1265
- Velinsky D. J. 901
- Vernaz E. 1505
- Vieillard P. 245
- Viladevall M. 281
- Vilks P. 1043
- Viollier E. 785
- Wai W. H. 567
- Walderhaug O. 295
- Warwick M. S. 425
- Waychunas G. A. 1219
- Wharton M. J. 347
- Williams T. M. 531
- Wogelius R. A. 1399
- Wolf M. 97, 171, 583, 819, 1191
- Xinping L. 117
- XiongXin D. 133
- Xu G. 1
- Xu R. 1439
- Yanful E. K. 1245
- Yingjie G. 133
- Younger P. L. 1383
- Yusa Y. 141
- Yusta I. 1265
- Zeng Y. 13
- Zhmud B. V. 425
- Zielinski R. A. 369
- Zuccolini M. V. 917
- Zuppi G. M. 51
- Zuyi T. 133



